Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Time: May 02 01:53:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	242580	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	1009833	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	587276	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	947697	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	927548	20.000	ng	0.00
86) Perylene-d12	24.963	264	1197093	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	845408	57.624	ng	-0.01
7) Phenol-d6	6.899	99	1206214	60.044	ng	-0.01
23) Nitrobenzene-d5	8.863	82	730646	41.257	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	571932	70.389	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1799082	46.905	ng	0.00
79) Terphenyl-d14	19.875	244	2139003	46.482	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.069	152	192156	3.783	ng	97
58) Fluorene	15.410	166	108239	2.656	ng	97
71) Phenanthrene	17.186	178	946595	18.310	ng	99
72) Anthracene	17.286	178	314097	6.304	ng	99
75) Fluoranthene	19.280	202	1014381	16.497	ng	96
78) Pyrene	19.657	202	1583673	26.866	ng	99
81) Benzo(a)anthracene	21.580	228	849090	14.728	ng	94
83) Chrysene	21.651	228	803947	14.555	ng	98
87) Indeno(1,2,3-cd)pyrene	28.751	276	633425	7.622	ng	99
88) Benzo(b)fluoranthene	23.898	252	1040428	14.500	ng	97
89) Benzo(k)fluoranthene	23.898	252	1040428	15.011	ng	98
90) Benzo(a)pyrene	24.651	252	690312	11.153	ng	100
92) Benzo(g,h,i)perylene	29.927	276	724161	10.314	ng	# 95

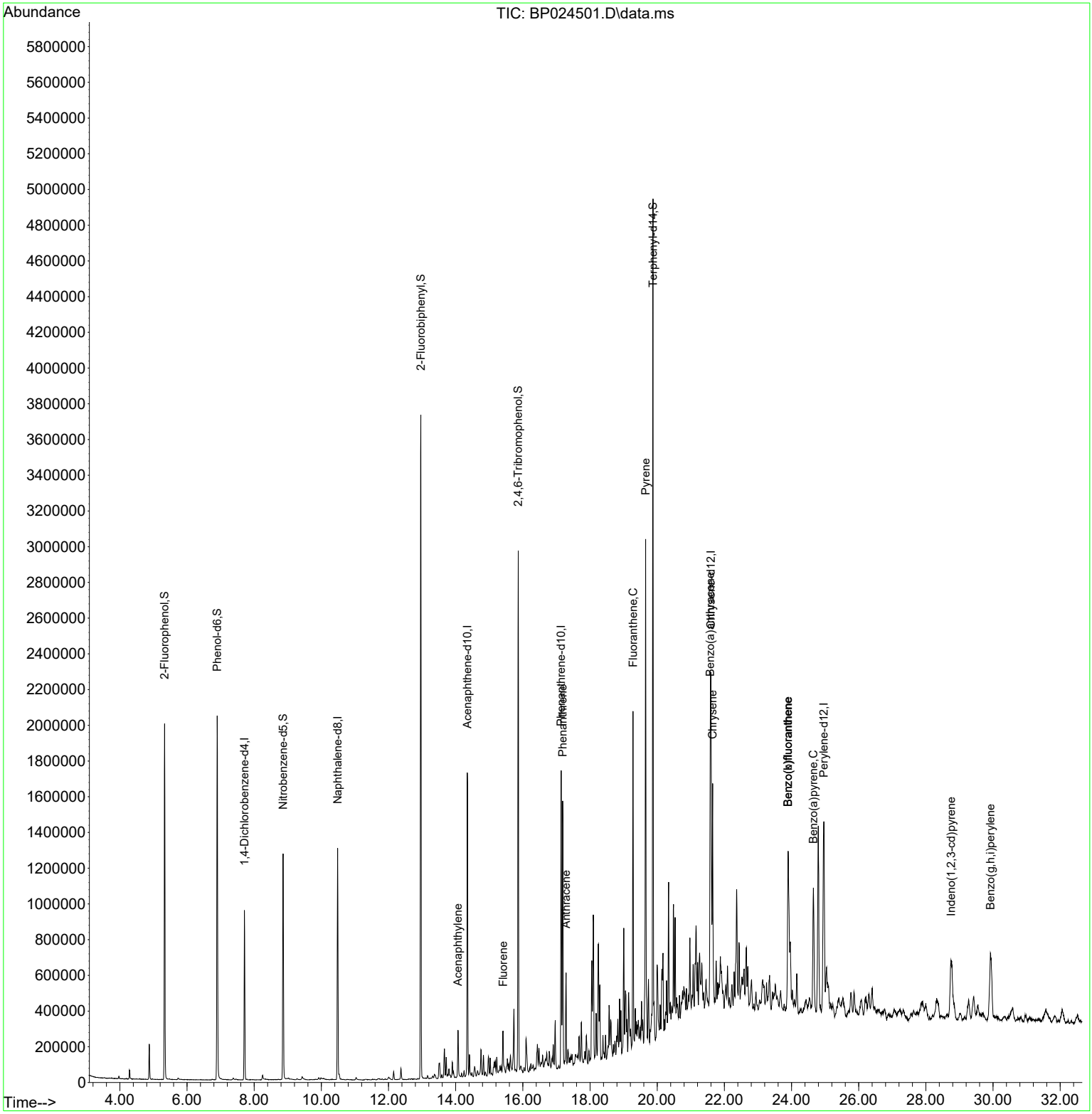
(#) = qualifier out of range (m) = manual integration (+) = signals summed

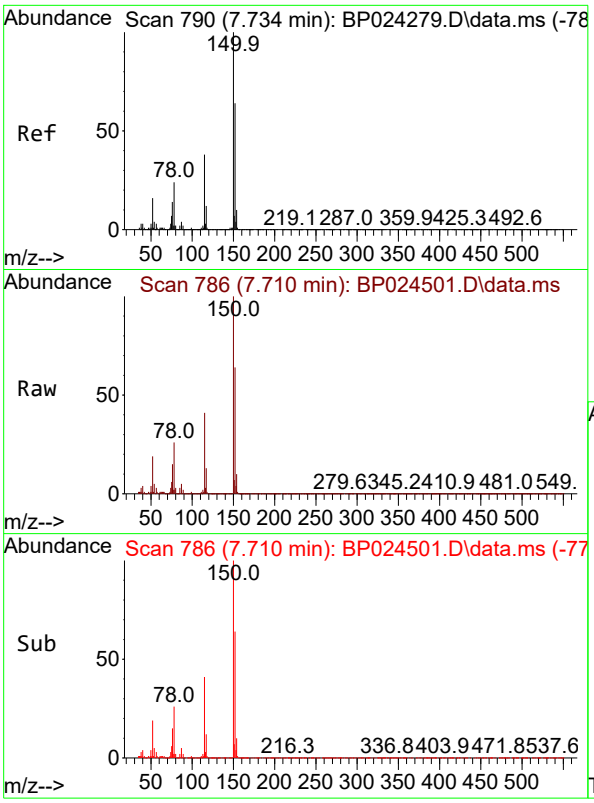
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Time: May 02 01:53:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



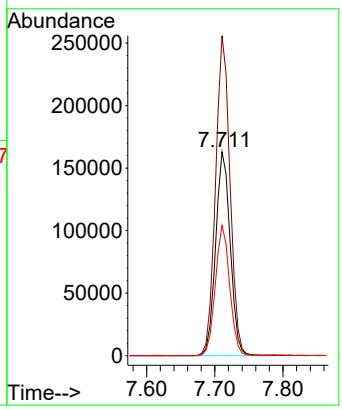


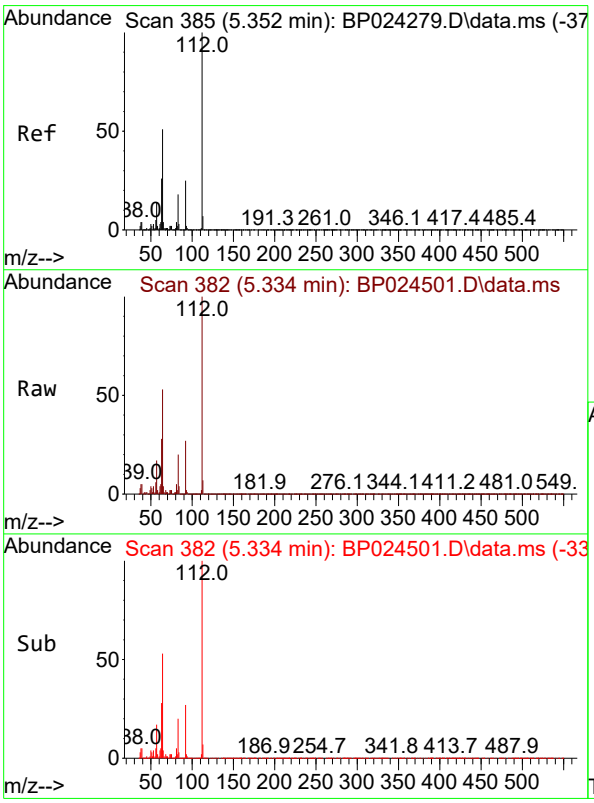
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:152 Resp: 242580

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.9	187.3
115	63.9	47.7	71.5

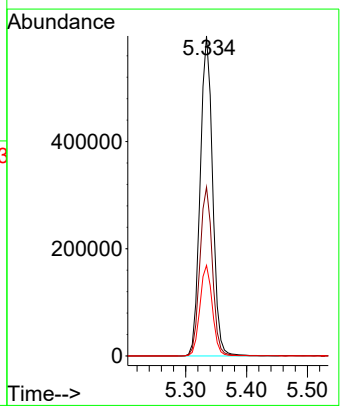


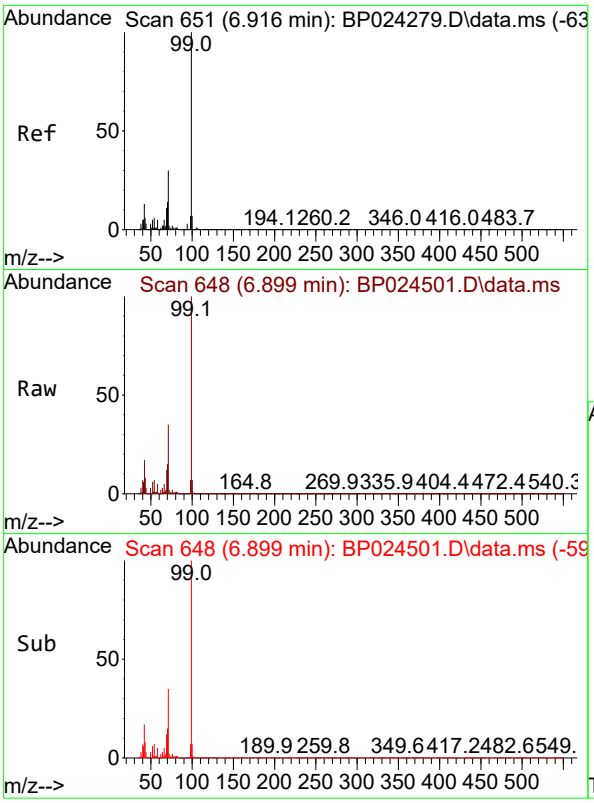


#5
2-Fluorophenol
Concen: 57.624 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:112 Resp: 845408

Ion	Ratio	Lower	Upper
112	100		
64	52.8	41.1	61.7
63	28.3	20.6	30.8



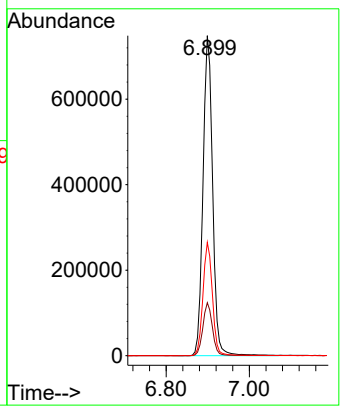


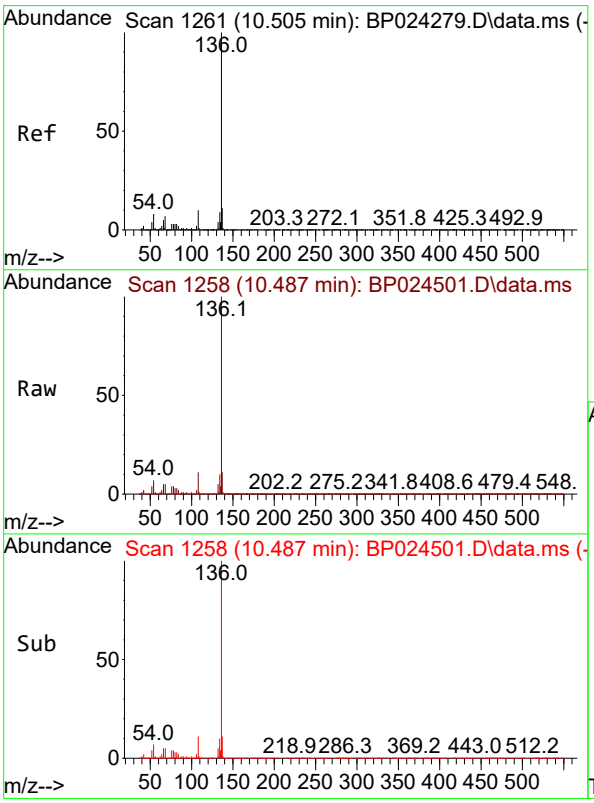
#7
Phenol-d6
Concen: 60.044 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion: 99 Resp: 1206214

Ion	Ratio	Lower	Upper
99	100		
42	16.6	10.6	16.0#
71	35.4	23.7	35.5

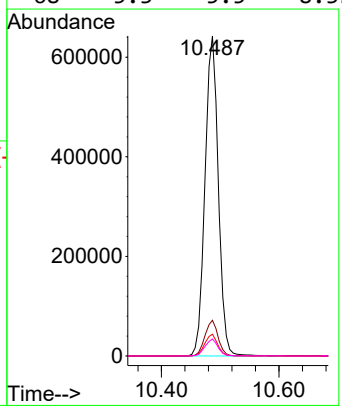


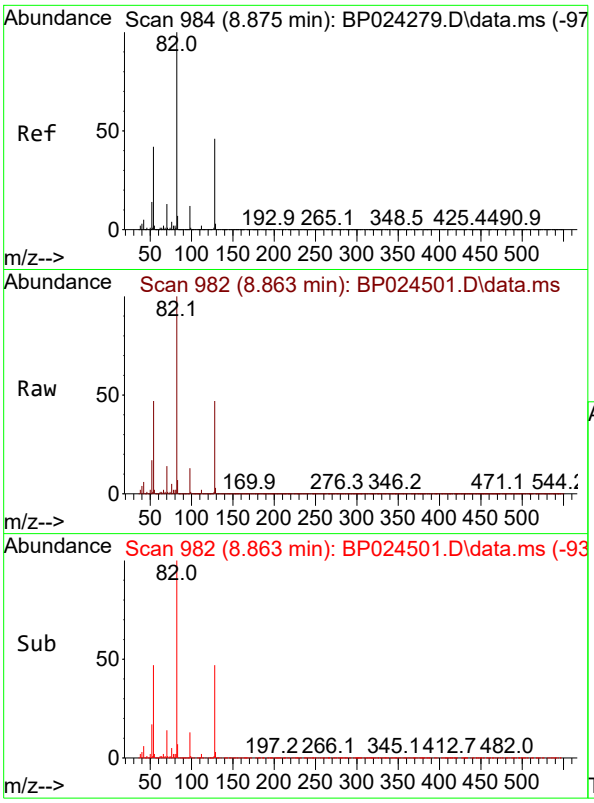


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:136 Resp: 1009833

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.8	6.0	9.0
68	5.3	5.5	8.3#



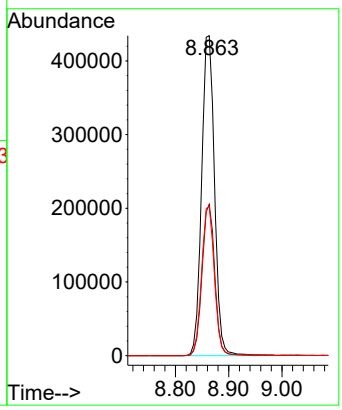


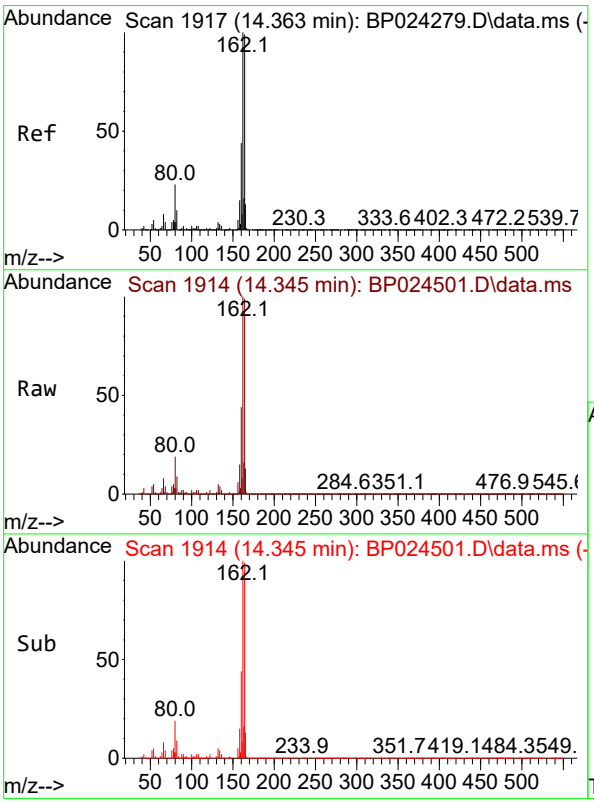
#23
Nitrobenzene-d5
Concen: 41.257 ng
RT: 8.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion: 82 Resp: 730646

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.5	54.7
54	46.7	33.4	50.2

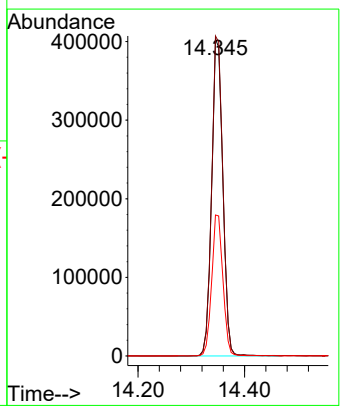


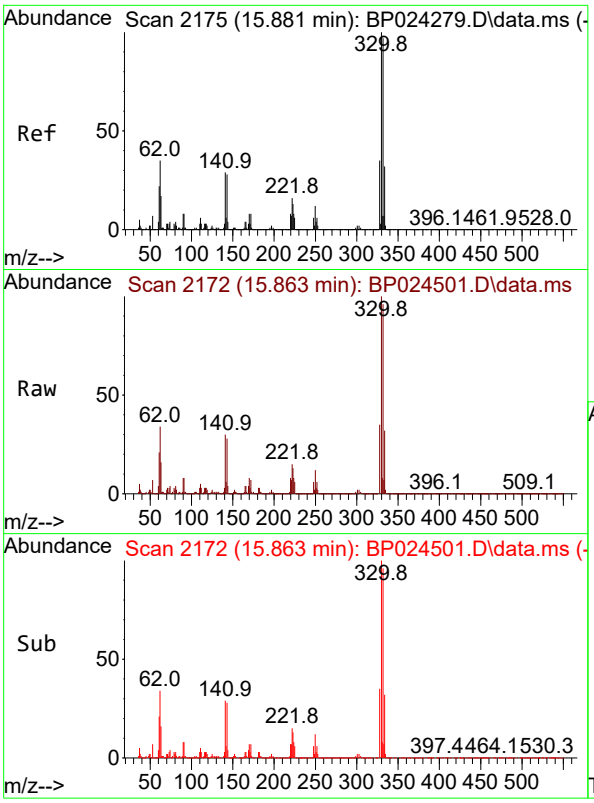


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:164 Resp: 587276

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	44.5	35.3	52.9



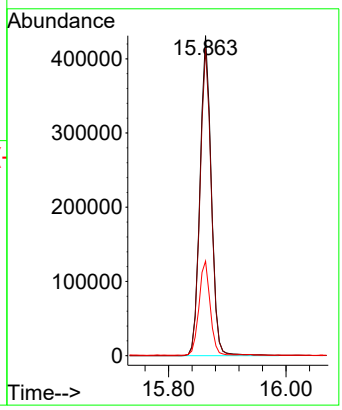


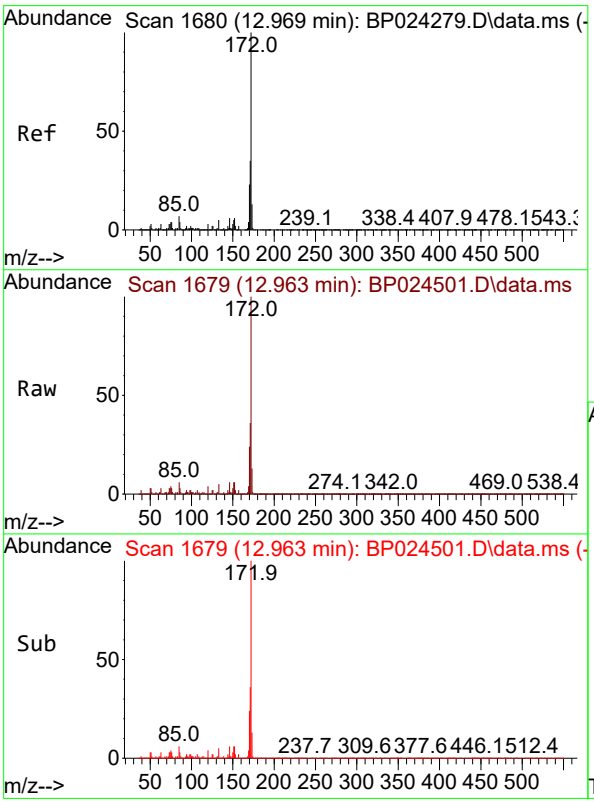
#42
2,4,6-Tribromophenol
Concen: 70.389 ng
RT: 15.863 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:330 Resp: 571932

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	29.0	24.7	37.1

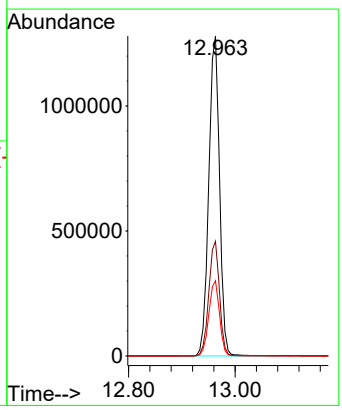


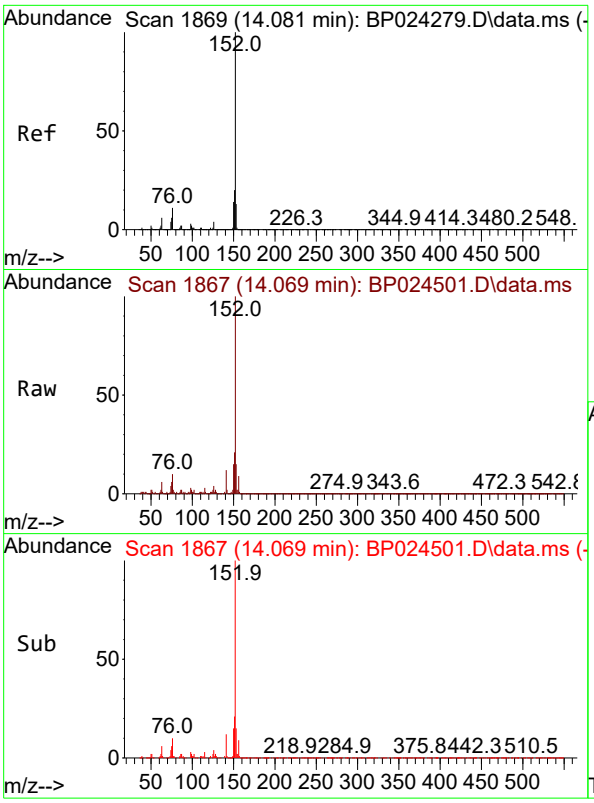


#45
2-Fluorobiphenyl
Concen: 46.905 ng
RT: 12.963 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:172 Resp: 1799082

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	23.5	18.6	27.8



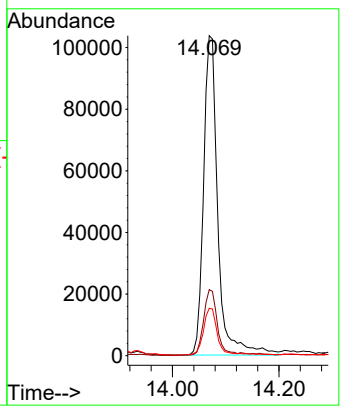


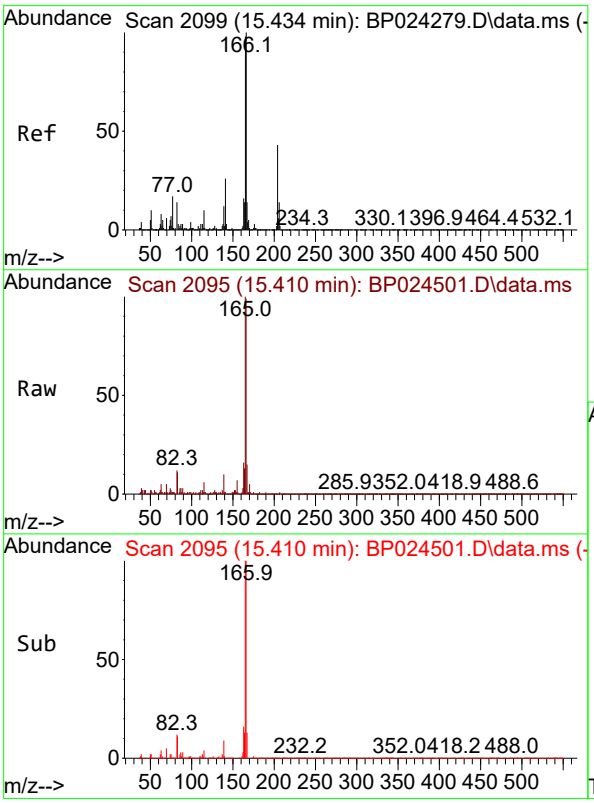
#49
Acenaphthylene
Concen: 3.783 ng
RT: 14.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:152 Resp: 192156

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	14.8	10.6	15.8

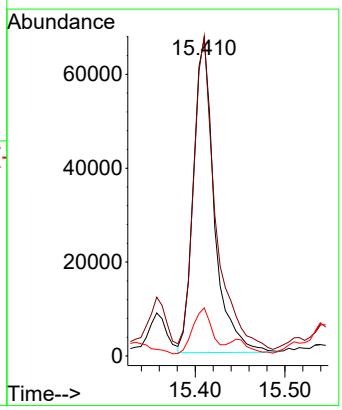


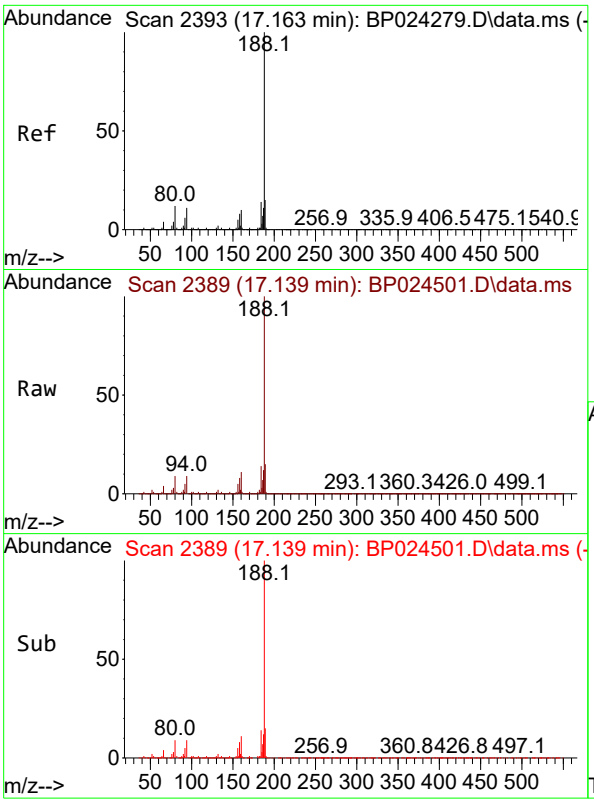


#58
Fluorene
Concen: 2.656 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:166 Resp: 108239

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.1	117.1
167	15.1	10.9	16.3



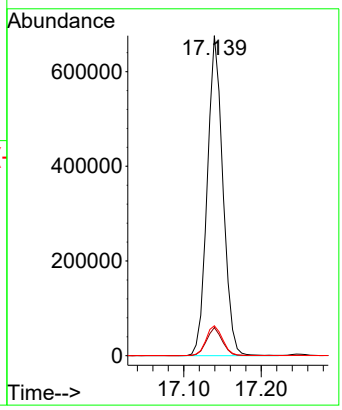


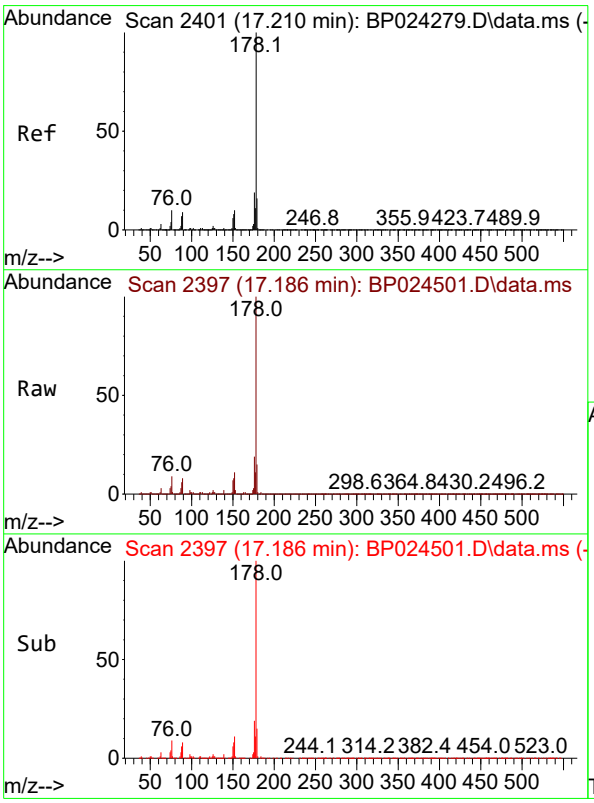
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:188 Resp: 947697

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.6	13.0
80	9.4	9.8	14.6#

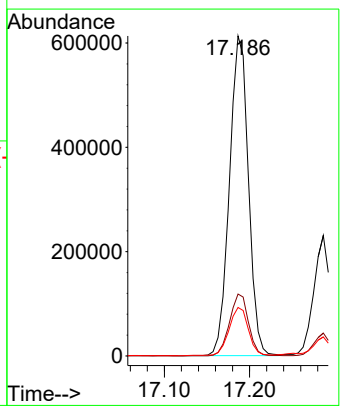


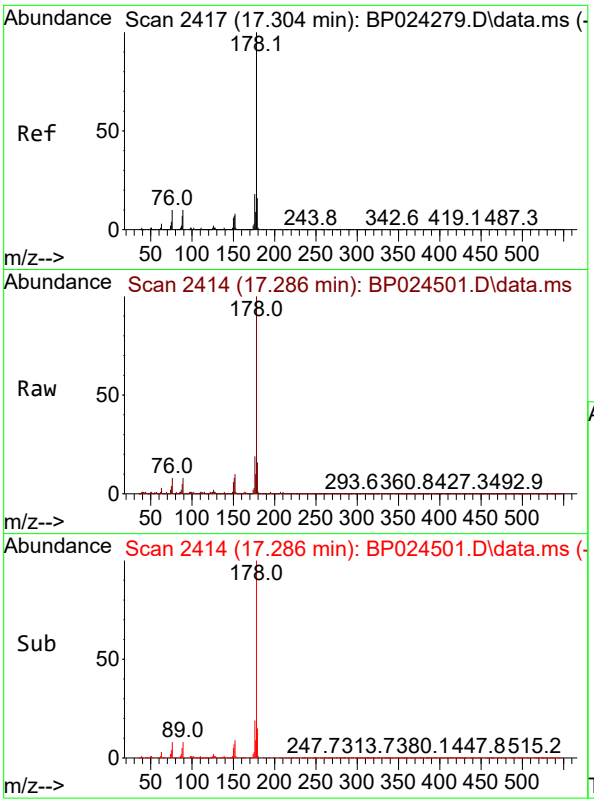


#71
Phenanthrene
Concen: 18.310 ng
RT: 17.186 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:178 Resp: 946595

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.2	12.5	18.7



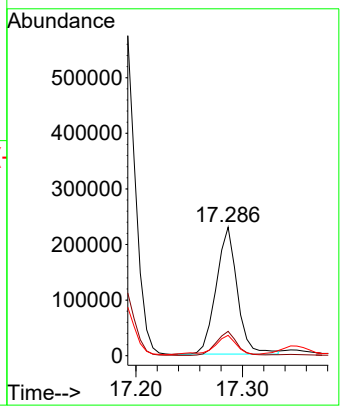


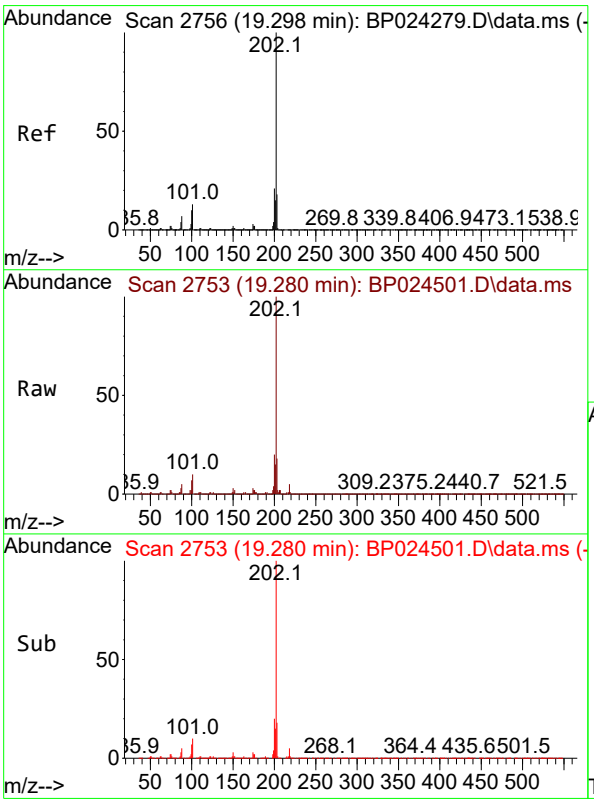
#72
Anthracene
Concen: 6.304 ng
RT: 17.286 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:178 Resp: 314097

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.9	12.4	18.6

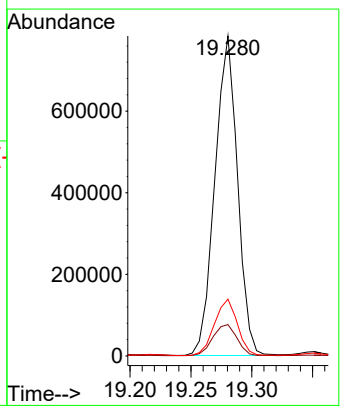


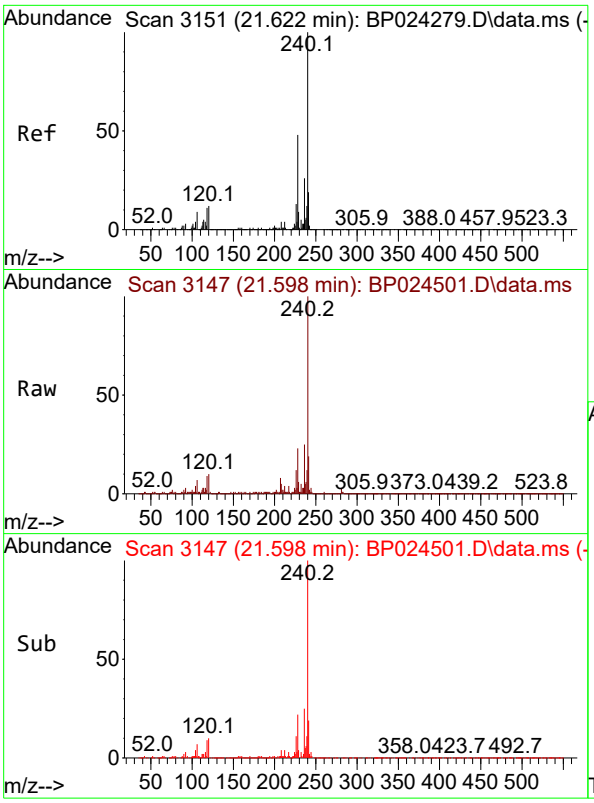


#75
Fluoranthene
Concen: 16.497 ng
RT: 19.280 min Scan# 2753
Delta R.T. 0.000 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:202 Resp: 1014381

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	33.2
203	17.7	0.0	37.7



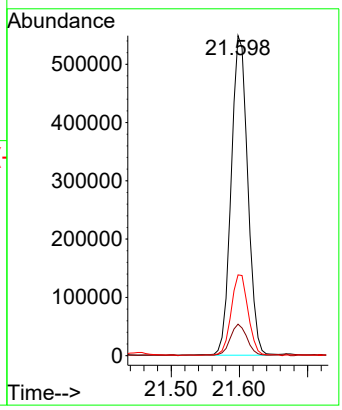


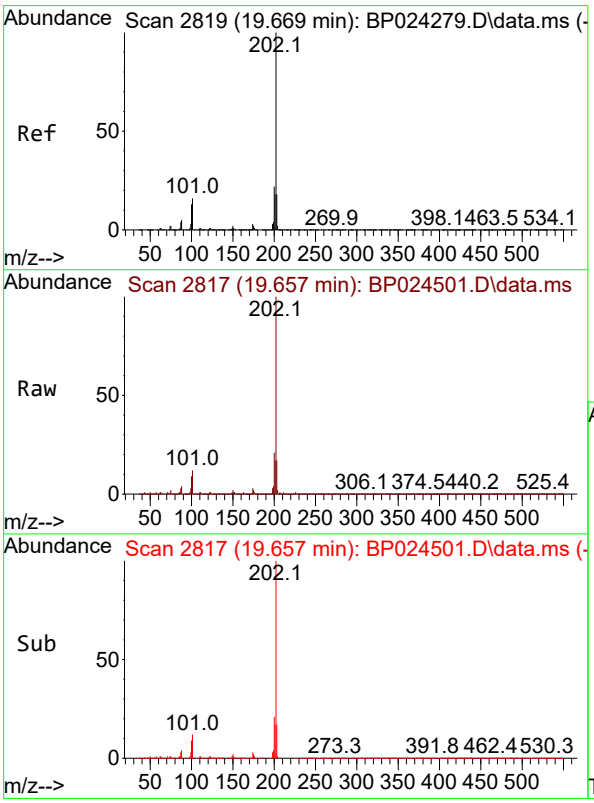
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:240 Resp: 927548

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.8	14.8
236	25.3	20.9	31.3

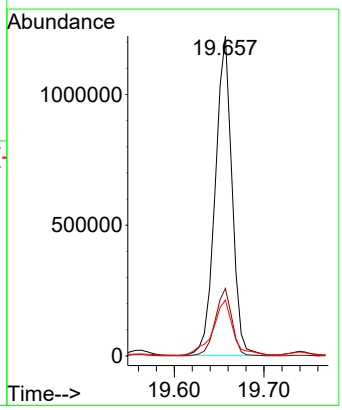


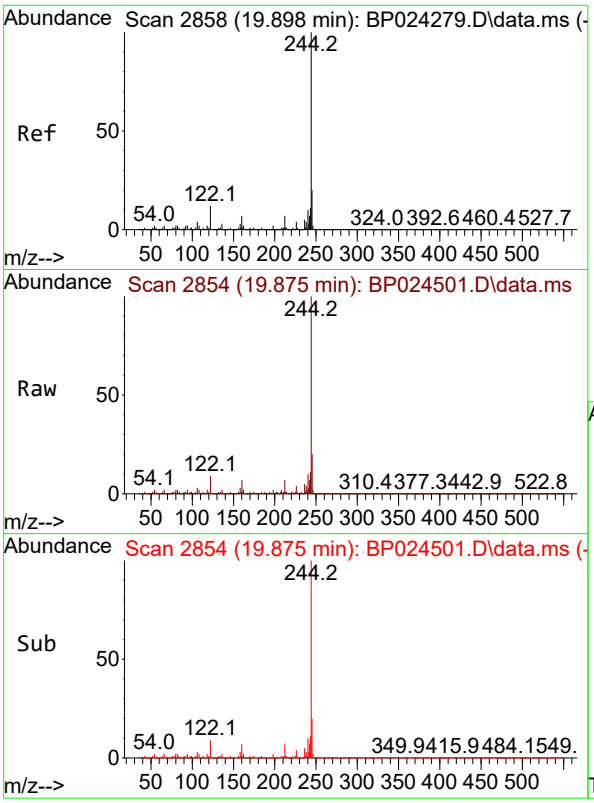


#78
Pyrene
Concen: 26.866 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:202 Resp: 1583673

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.4	14.4	21.6



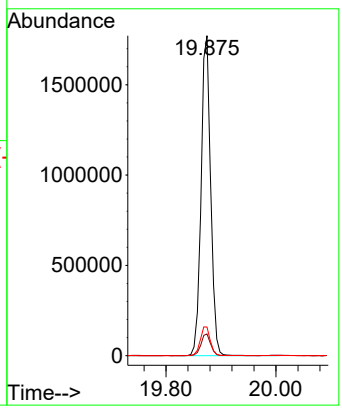


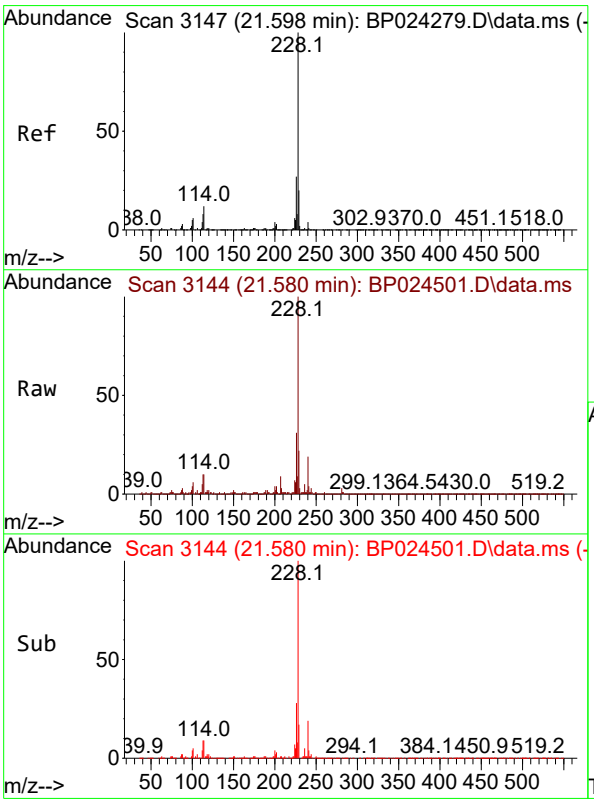
#79
Terphenyl-d14
Concen: 46.482 ng
RT: 19.875 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:244 Resp: 2139003

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	8.9	9.4	14.0#

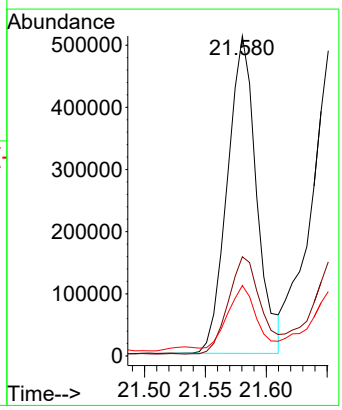


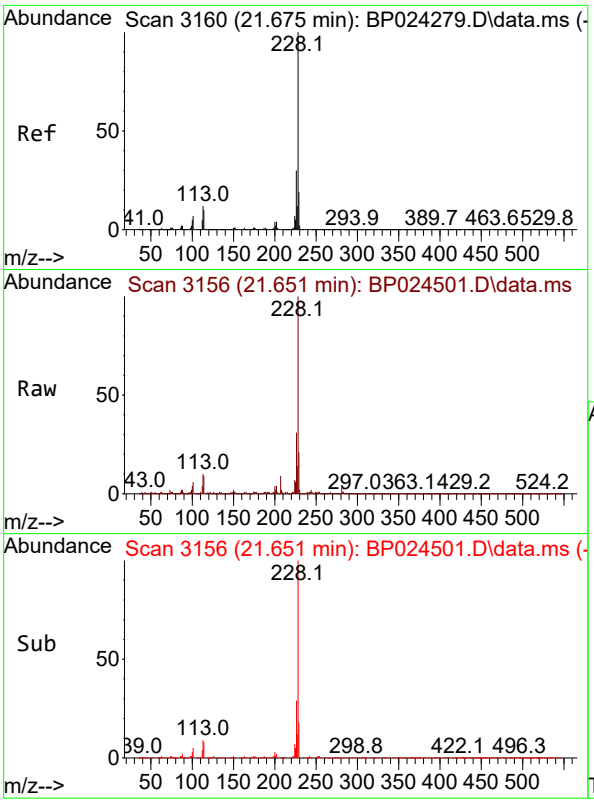


#81
Benzo(a)anthracene
Concen: 14.728 ng
RT: 21.580 min Scan# 3144
Delta R.T. 0.012 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:228 Resp: 849090

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.8	32.8
229	22.0	15.9	23.9



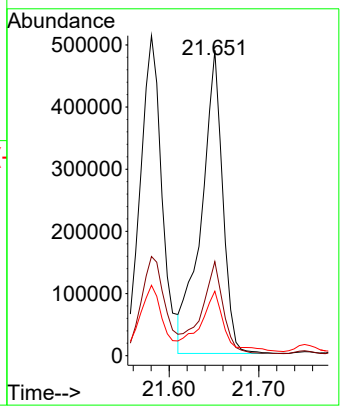


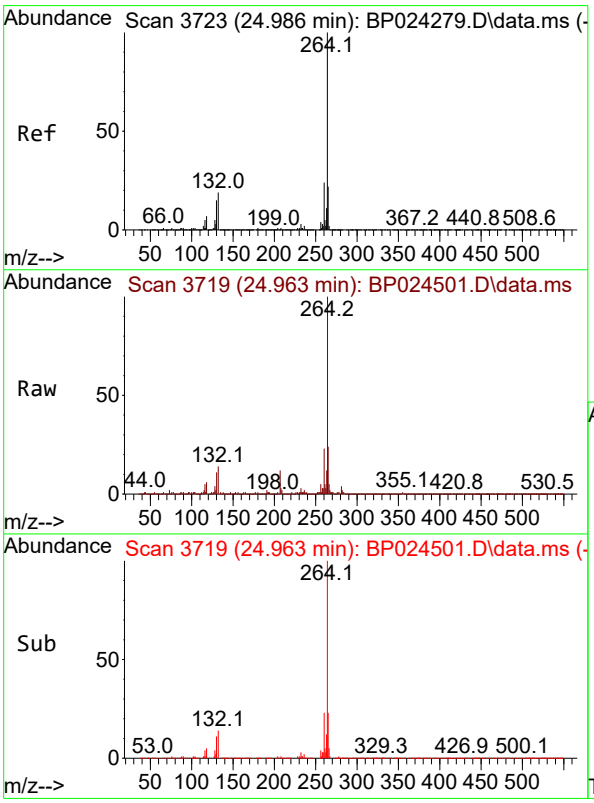
#83
Chrysene
Concen: 14.555 ng
RT: 21.651 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:228 Resp: 803947

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	21.1	15.6	23.4

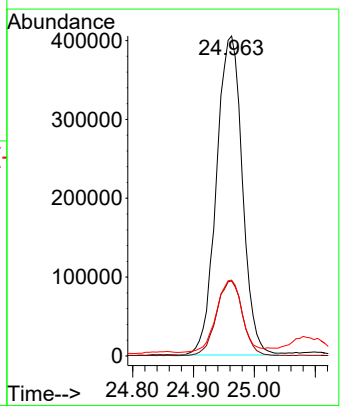


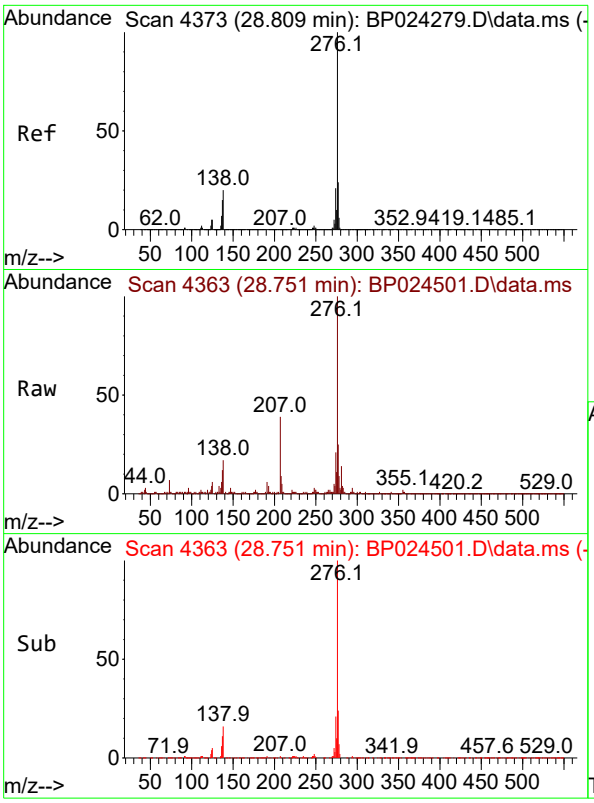


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.963 min Scan# 3719
Delta R.T. 0.029 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:264 Resp: 1197093

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	23.7	17.8	26.6



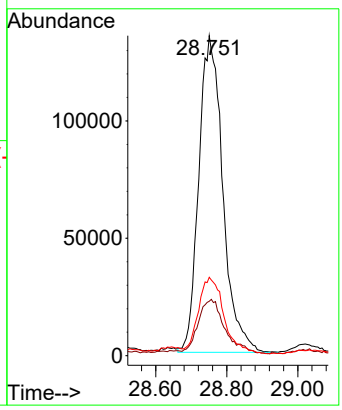


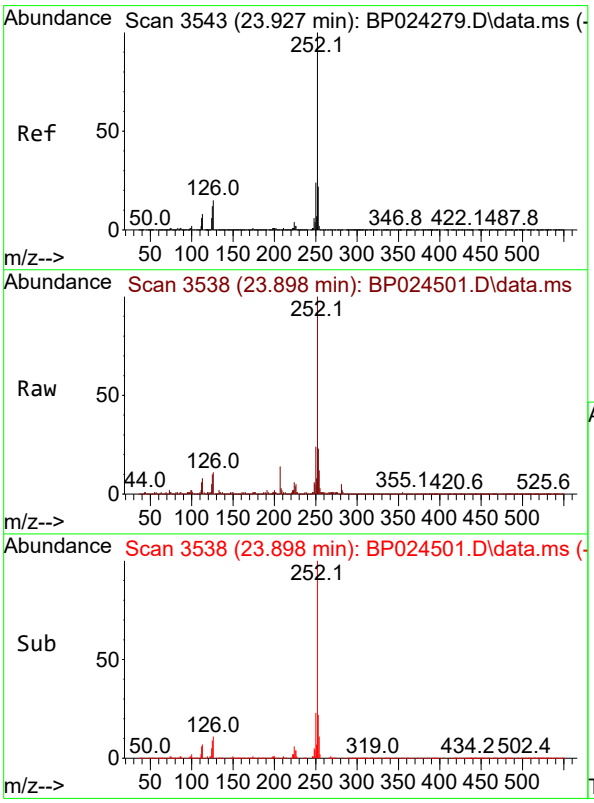
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.622 ng
RT: 28.751 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:276 Resp: 633425

Ion	Ratio	Lower	Upper
276	100		
138	19.0	14.5	21.7
277	25.8	20.2	30.2

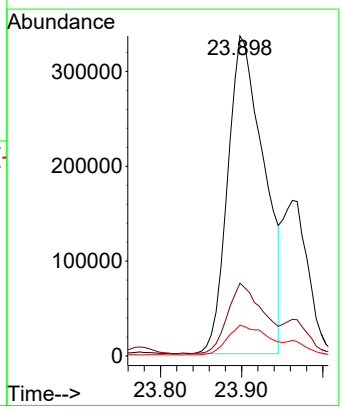


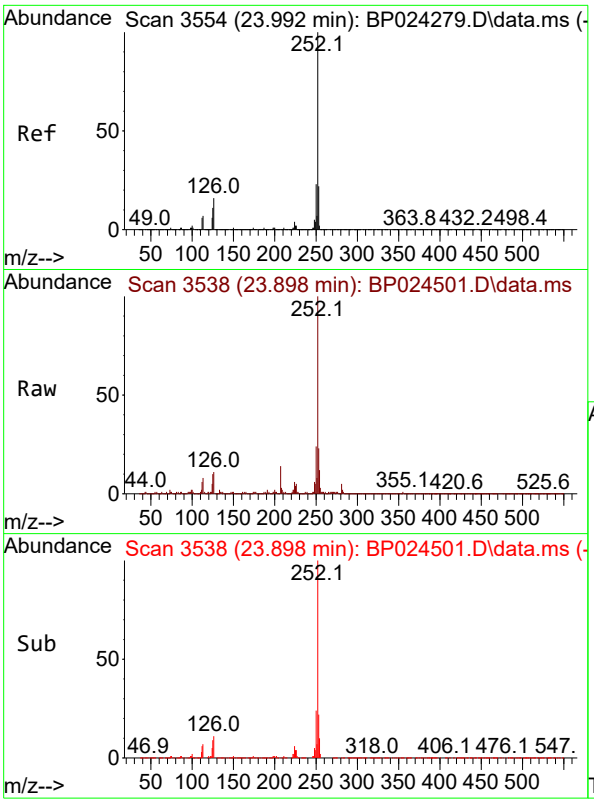


#88
Benzo(b)fluoranthene
Concen: 14.500 ng
RT: 23.898 min Scan# 3538
Delta R.T. 0.012 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:252 Resp: 1040428

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	9.7	9.4	14.0



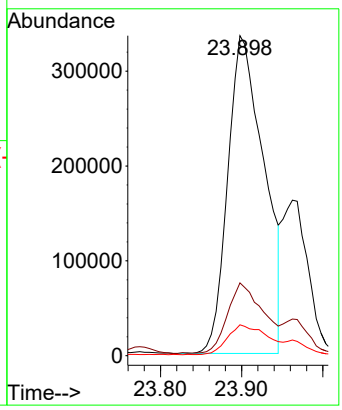


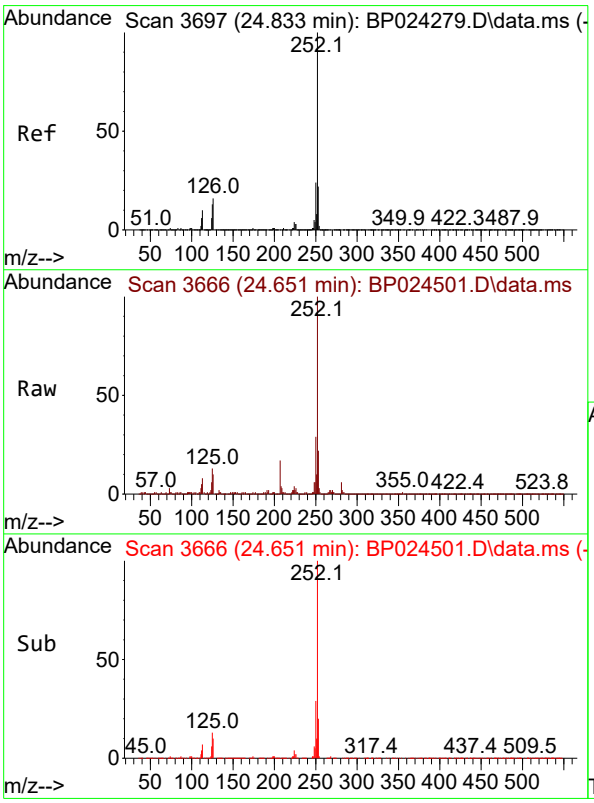
#89
Benzo(k)fluoranthene
Concen: 15.011 ng
RT: 23.898 min Scan# 3
Delta R.T. -0.059 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:252 Resp: 1040428

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	9.7	9.1	13.7

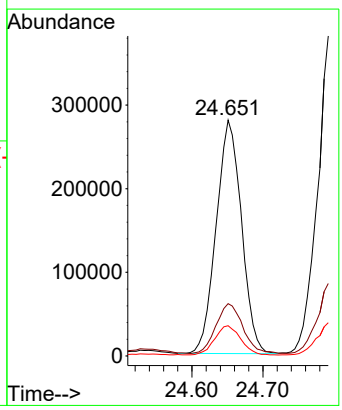


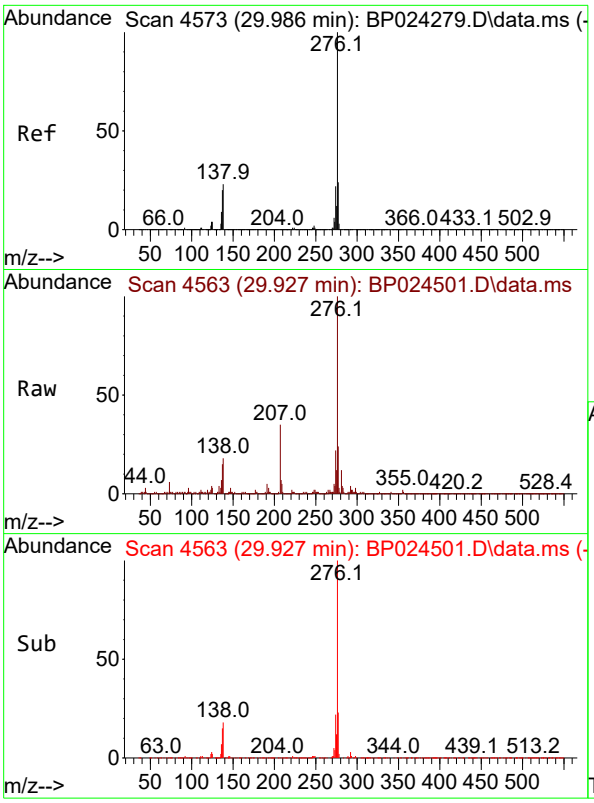


#90
Benzo(a)pyrene
Concen: 11.153 ng
RT: 24.651 min Scan# 3666
Delta R.T. -0.129 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Tgt Ion:252 Resp: 690312

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	12.9	10.1	15.1





#92
Benzo(g,h,i)perylene
Concen: 10.314 ng
RT: 29.927 min Scan# 4
Delta R.T. 0.030 min
Lab File: BP024501.D
Acq: 01 May 2025 20:58

Instrument :
BNA_P
ClientSampleId :
MH-E

Tgt Ion:276 Resp: 724161

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	18.3	18.7	28.1#